

CLAIMS

1. A multi-configuration portable electronic device, comprising:
a first body element having electrical circuitry disposed therein;
a second body element having electrical circuitry disposed therein;
5 a hinge for allowing configuration of the first and second body elements into at least portrait, landscape, and closed positions, and for routing a flexible circuit board between the first and second body elements wherein upon movement of the first and second body elements the hinge prevents twisting of the flexible circuit board.
- 10 2. A multi-configuration portable electronic device as defined by claim 1, further comprising a detent mechanism in the hinge for holding the first and second body elements in at least portrait, landscape, and closed positions.
- 15 3. A multi-configuration portable electronic device as defined by claim 2 wherein the detent mechanism comprises a spring, a cam, and a cap having cam followers, all coaxially located, and wherein the cam is held in position with respect to one of the body elements of the multi-configuration portable electronic device, and the cap is held in position with respect to the hinge.
- 20 4. A multi-configuration portable electronic device as defined by claim 1 further comprising a hook member disposed each of the first and second body elements and each in correspondence with a collar portion of the other body element, wherein the hook member retains the collar portion upon rotation of one of the body elements about the hinge.